LANE

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

RECEIVED SEP 29 1965 STATE ENGINEER SALEM OREGON

WATER WELL REPORT 022028

STATE OF OREGON (Please type or print)

State Well No. 20/3W-11 C(2)

State Permit No. .....

(1) OWNER:
Name State Highway Dept.
Address State Highway Building
Salem, Oregon

(2) LOCATION OF WELL:
County Lane Driller's well number Well #3
¼ ¼ Section 11 T. 20S R. 3W W.M.
Bearing and distance from section or subdivision corner

Highway Station 549+15
Mile post 140 900 ft. South of
Gettings Creekon Pacific Highway.

(3) TYPE OF WORK (check):
New Well [X] Deepening [ ] Reconditioning [ ] Abandon [ ]
If abandonment, describe material and procedure in Item 12.

(4) PROPOSED USE (check):
Domestic [ ] Industrial [ ] Municipal [ ]
Irrigation [X] Test Well [ ] Other [ ]

(5) TYPE OF WELL:
Rotary [ ] Driven [ ]
Cable [X] Jetted [ ]
Dug [ ] Bored [ ]

(6) CASING INSTALLED:
Threaded [ ] Welded [X]
6" Diam. from 0 ft. to 20 ft. Gage 250
5" Diam. from 15 ft. to 75 ft. Gage 250
" Diam. from ft. to ft. Gage

(7) PERFORATIONS:
Perforated? [X] Yes [ ] No
Type of perforator used torch
Size of perforations ¼ *** in. by 6 in.
perforations from ft. to ft.
220 perforations from 20 ft. to 75 ft.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

(8) SCREENS:
Well screen installed? [ ] Yes [X] No
Manufacturer's Name
Type Model No.
Diam. Slot size Set from ft. to ft.
Diam. Slot size Set from ft. to ft.

(9) CONSTRUCTION:
Well seal—Material used in seal cement
Depth of seal 18 ft. Was a packer used? no
Diameter of well bore to bottom of seal 8 in.
Were any loose strata cemented off? [ ] Yes [X] No Depth
Was a drive shoe used? [X] Yes [ ] No
Was well gravel packed? [ ] Yes [X] No Size of gravel:
Gravel placed from ft. to ft.
Did any strata contain unusable water? [ ] Yes [X] No
Type of water? depth of strata
Method of sealing strata off

(10) WATER LEVELS:
Static level 5 ft. below land surface Date 9/8/65
Artesian pressure lbs. per square inch Date

(11) WELL TESTS:
Drawdown is amount water level is lowered below static level
Was a pump test made? [X] Yes [ ] No If yes, by whom?
Yield: 45 gal./min. with 23 ft. drawdown after 6 hrs.
" " " "
" " " "
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? [ ] Yes [X] No

(12) WELL LOG:
Diameter of well below casing 6
Depth drilled 75 ft. Depth of completed well 75 ft.
Formation: *Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.*

MATERIAL	FROM	TO
Dirt and gravel	0	10
Red shale rock	10	39
Black rock	39	52
Basalt	52	57
Grey rock	57	75

Work started 9/3/65 19 Completed 9/8/65 19
Date well drilling machine moved off of well 9/8/65 19

(13) PUMP:
Manufacturer's Name
Type: H.P.

Water Well Contractor's Certification:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME W. W. Drilling and Pump Service
(Person, firm or corporation) (Type or print)
Address 4157 Main St. Springfield, Ore.

Drilling Machine Operator's License No. 336
[Signed] Walt Wilson
(Water Well Contractor)
Contractor's License No. 268 Date 9/14/65, 19

(USE ADDITIONAL SHEETS IF NECESSARY)

Form E-106—10M—11-64
SP*6370-734

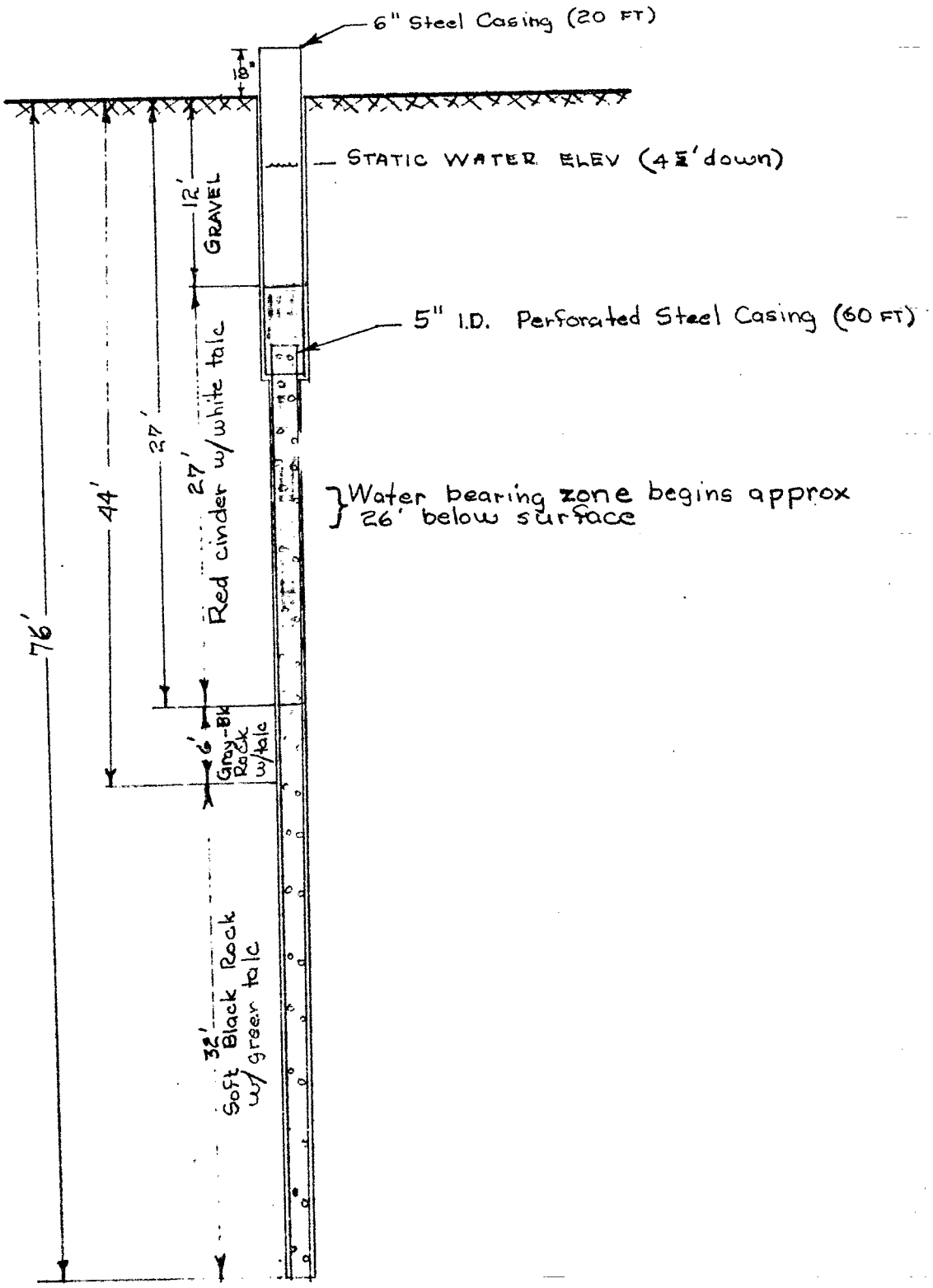
Job No. Gettings Co.

Sheet 1 of 1 Sheets

OREGON STATE HIGHWAY DEPARTMENT

Calculations for X-SECTION OF 75 FT WELL

Made by JDA 9/8 1965 Checked by ....., 19..... Backchecked by ....., 19.....



Vert Scale 1" = 10'

minimum of 20 GPM required. Walt Wilson of W. W. Drilling estimated capacity between 55 and 60 GPM. Well recovered to 7.5 feet below surface in 20 minutes.

Samples of water were taken on 9-7-65 for a bacteriological examination. The water is clear with no undesirable taste.

D. J. Sage
Dist. Maint. Supt.
By Dale D Allen

Dale D. Allen
Asst. Dist. Maint. Supt.

DDA:em

cc: Mark Astrup
Jack Scova
W. P. Milne

20/3W-11

FORM E-30X—50M—12-63 54677

OREGON STATE HIGHWAY DEPARTMENT

INTER-DEPARTMENT CORRESPONDENCE

Eugene, Oregon
September 8, 1965

SUBJECT: Well Drilling Report
Gettings Creek Rest Area

To: L. R. Chandler
Division Engineer

Attention: Carl Williams

This report covers the drilling and pump testing done on the third well drilled at the Gettings Creek Rest Area.

Well Location - MP 140.4 - Interstate I-5
West of Sta. 549+15 and 10' E. of W. R/W Fence.
Depth - - - - 75 feet
Casing - - - - 18 feet of 6" casing
60 feet of 5" perforated casing
Driller - - - - W. W. Drilling, 4157 Main St., Springfield.

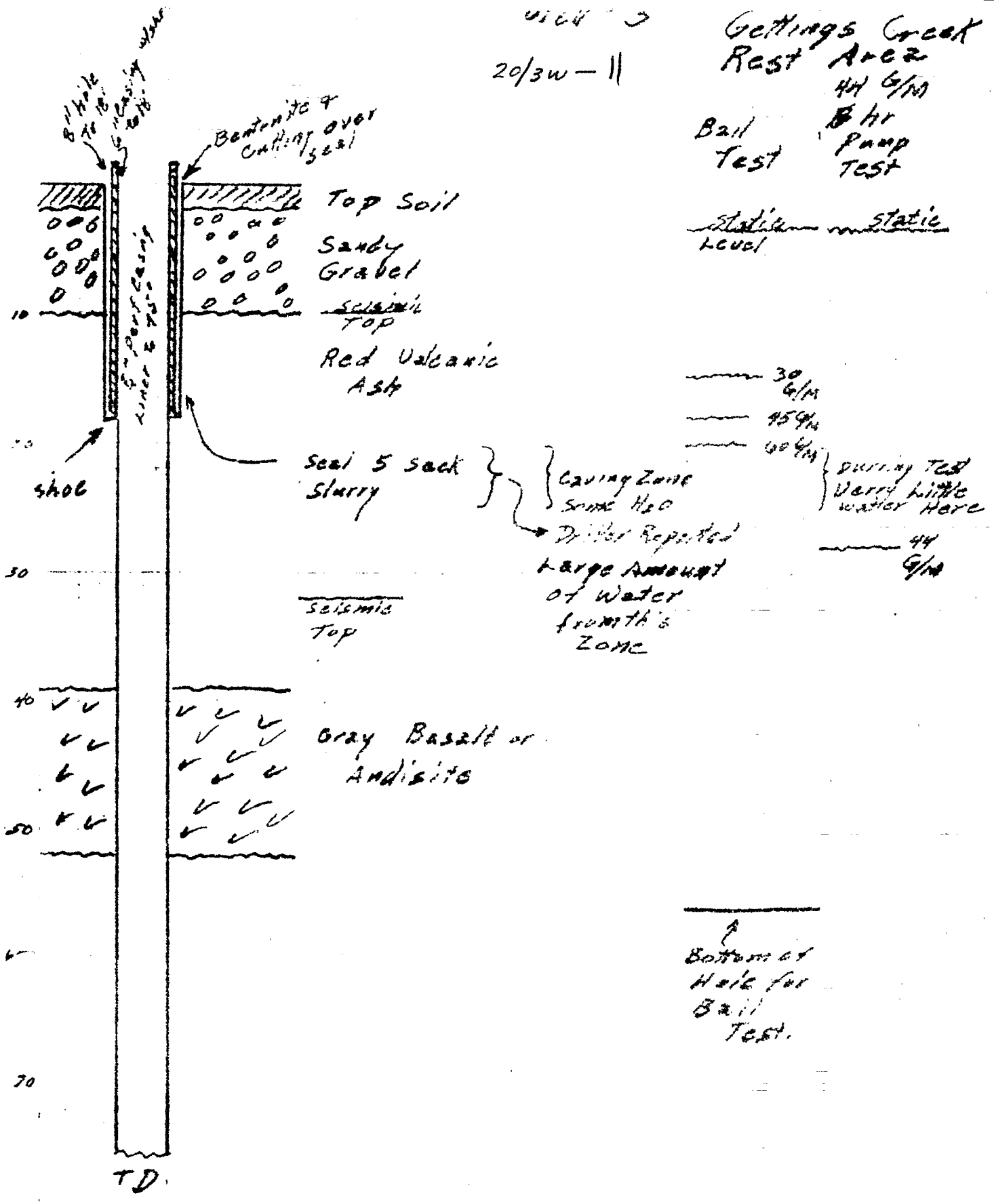
August 30, 1965 - W. W. Drilling moved in and set up.
August 31, 1965 - Began drilling. Drilled 20 feet.
September 1, 1965 - Drilled to 52 feet and stopped.
September 3, 1965 - Ran bailer test at 52 feet.

Results of Bailer Test

In 30 min. 1800 gals. was bailed.
Approx. drawdown at end of test was 18 feet.
Estimated capacity of well - Over 45 Gal/Min.
September 3, 1965 (Con't) - Drilled to 75 feet depth and sealed well.
September 7, 1965 - Ran pump test with suction pump.

Results of Pump Test

After first 15 min. of pumping, the pump discharged it's max. capacity of 44 GPM for 5 hrs., 45 min. with a stable drawdown of 21.9 feet below static level. This test, therefore, does not indicate the max. capacity the well can produce but indicates it is over 44 GPM and over the


20/3w — 11
Gettings Creek
Rest Area
44 G/M
8 hr
Pump
Test
Bail
Test
Static
Level
Static
Bentonite & Cuttings over Seal
Top Soil
Sandy
Gravel
Seismic
Top
Red Volcanic
Ash
30 G/M
45 G/M
60 G/M
Seal 5 sack
Slurry
Caving Zone
Some H2O
Driller Reported
Large Amount
of Water
from this
Zone
During Test
Very Little
water Here
44
G/M
shoe
Seismic
Top
Gray Basalt or
Andesite
Bottom of
Hole for
Bail
Test.
TD
10
30
40
50
70
80

FORM E-30X 50M 3-63 49608

OREGON STATE HIGHWAY DEPARTMENT

INTER-DEPARTMENT CORRESPONDENCE

Salem, Oregon

September 9, 1965

To: F. W. Yarbrough
Staff Assistant
S H O P S

SUBJECT: Water Well #3
Gettings Creek Rest Area
Goshen - Cottage Grove Section
Pacific Highway I-5
Lane County
11' East of P.O.T. Ref. Pin.
Sta. 549+15 located in West
R. W. Fence

This well was located in an essentially water poor area by the combination of extensive surface geologic reconnaissance and detailed sub-surface geophysical investigations. (See report July, 1965). The well seems capable of a sustained yield of better than 44 gal./min. This is based on the Bailer and Pump tests conducted to date.

It is believed that the bulk of the water is entering the well between the second seismic top and the top of the gray basalt or andesite layer.

It was recommended that the method of completion be modified from specifications to that illustrated on the accompanying sheet of drawings because of the nature of the red volcanic ash. If the 6" casing were driven into the basalt layer, there would be a great risk of sealing off the water with clay and not being able to recover it upon perforation of the casing. Other reasons for this type of completion in this situation are:

1) The liner can be removed and the perforations cleaned.
2) With the liner out, the well can be cleaned, deepened, or reamed.
3) This all can be done without disturbing the seal which prevents the surface water from entering the well.
4) This method was discussed with Jack Sceva and William Bartholomew of the State Engineer's office. They express their approval.

During the discussion with Mr. Sceva and Mr. Bartholomew the following additional points were covered:

1) If this water is part of the general perched water table, it would be necessary to have a treatment unit on the line at this time to take care of possible contamination during the recharge season.

2) If this water is separate from the general perched water table, then there is a good possibility that the water will rise over the top of the casing and become an artesian flow during the recharge season.

3) The top of the casing should be above the highest recorded flood level.

4) To obtain an indication of the probable recharge source it would be helpfull to know:

a) static level elevations of the three wells
b) the temperature of the water in the three wells
c) the comparative mineral content of the water from the wells
(the above information could be obtained by the local personnel)

5) Finding another well in the immediate vicinity of the rest area with a potential of more than 10 gal./min would be extremely difficult to impossible.

6) The water is cold, tastes good, and feels soft. The chemical and bacteriological tests will indicate the suitability for human consumption.

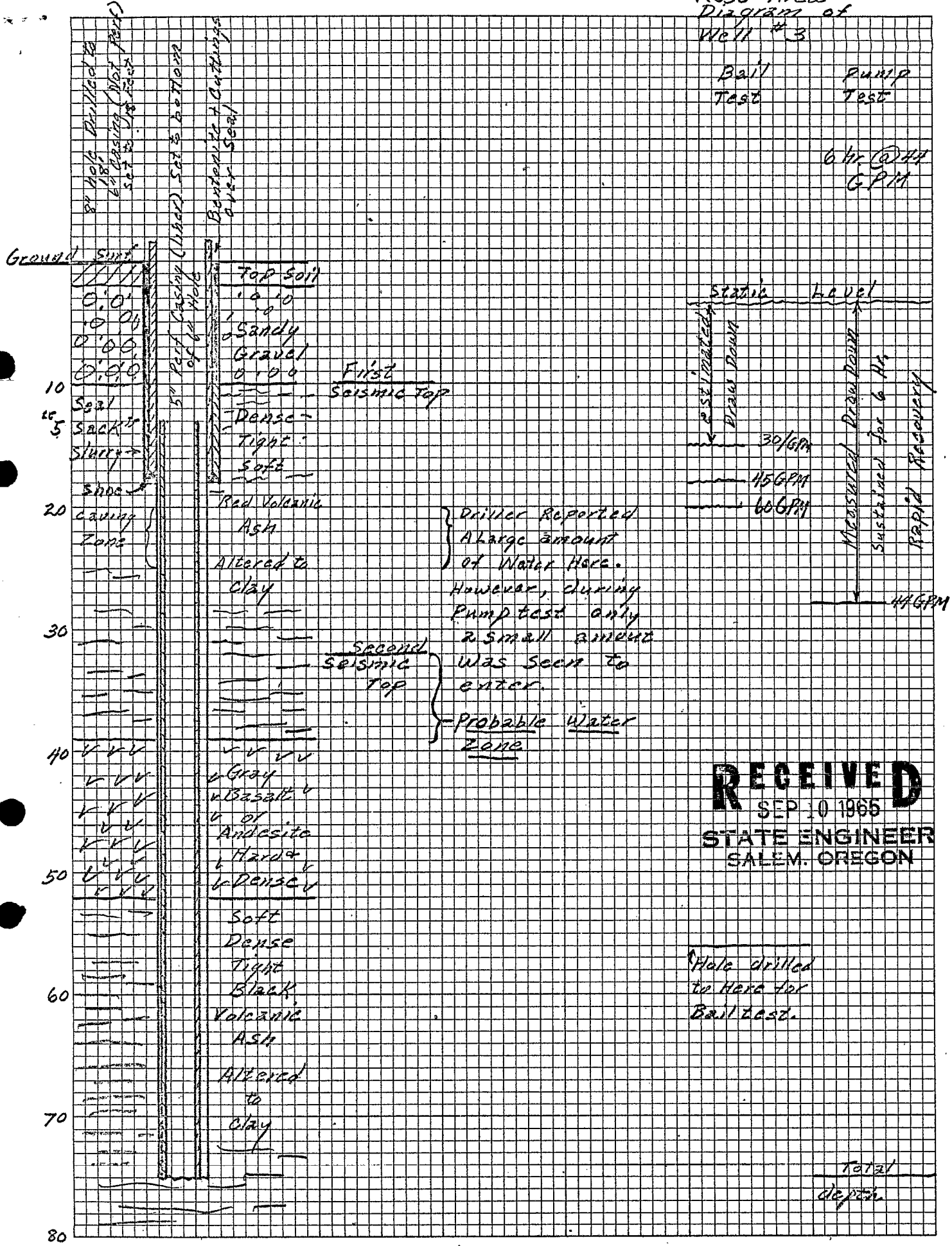
Summary: This is an extremely good well.

William P. Milne
Assistant Geologist

WPM:ks

cc: F. D. Morgan
Mark Astrup
Jack Sceva ✓
R. L. Chandler
D. J. Sage
R. J. Van Cleave

Rest Area
Diagram of
Well #3



REQUEST FOR WATER BACTERIOLOGICAL EXAMINATION

NAME OF WATER SUPPLY OR SWIMMING POOL: 75' WELL GETTINGS CR REST AREA

ADDRESS OR LOCATION: MP 140 I-5 Highway

DATE COLLECTED: 9 / 7 / 65 HOURS: ☒ A.M. ☐ P.M.

NAME OF COLLECTOR: Dale Allen - ASSTOMS

SAMPLING POINT: Pump Disch. SOURCE: Well COUNTY: Lane

CHLORINATED ☐ UNCHLORINATED ☒ MUNICIPAL OR COMMUNITY ☐ SEMI-PUBLIC ☒ PRIVATE ☐

SWIMMING POOL AND BATHING PLACES: ARTIFICIAL POOL ☐ NATURAL BATHING PLACE ☐

SEND REPORT TO: ORE STATE HWY
Box 1269, Eugene
% D.J. Sage ORE

REMARKS: 1st sample of 75' well on Interstate Hwy I-5

HL-10 REV. 10-59 SEE REVERSE SIDE

FOR USE OF LABORATORY ONLY

LAB. NO. 22276

THIS WATER DOES ☐ DOES NOT ☒ CONFORM WITH ACCEPTED STANDARDS OF PURITY.

DATE RECEIVED 9-8-65 DATE REPORTED 9-11-65

SEE BACK OF 1ST COPY FOR ADDL. INFO.

VOL.-ML	1	10	10	10	10	10	MPN
24 HOURS	—	—	—	—	—	—	
48 HOURS	—	—	—	+	—	+	
CONFIRMATION				+		+	

VOL.-ML	10.	10.	1.	1.	.1	.1	.01	.01	MPN
24 HOURS									
48 HOURS									
CONFIRMATION									

CHECKED BY: VP

PUBLIC HEALTH LABORATORY
OREGON STATE BOARD OF HEALTH
P. O. BOX 231, PORTLAND, OREGON 97207

REQUEST FOR WATER BACTERIOLOGICAL EXAMINATION

NAME OF WATER SUPPLY OR SWIMMING POOL: 75' Well GETTINGS CR REST AREA

ADDRESS OR LOCATION: MP 140 - I-5 Hwy

DATE COLLECTED: 9 / 7 / 65 HOURS: ☐ A.M. ☒ P.M.

NAME OF COLLECTOR: Dale D. Allen ASSTOMS

SAMPLING POINT: Pump Disch. SOURCE: Well COUNTY: Lane

CHLORINATED ☐ UNCHLORINATED ☒ MUNICIPAL OR COMMUNITY ☐ SEMI-PUBLIC ☒ PRIVATE ☐

SWIMMING POOL AND BATHING PLACES: ARTIFICIAL POOL ☐ NATURAL BATHING PLACE ☐

SEND REPORT TO: ORE STATE HWY
Box 1269, Eugene
% D. J. Sage ORE

REMARKS: 2nd Sample of 75' well on Gettings Cr Rest Area

HL-10 REV. 10-59 SEE REVERSE SIDE

FOR USE OF LABORATORY ONLY

LAB. NO. 22275

THIS WATER DOES ☐ DOES NOT ☒ CONFORM WITH ACCEPTED STANDARDS OF PURITY.

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CONFIRMATION		+	+			+	

VOL.-ML	10.	10.	1.	1.	.1	.1	.01	.01	MPN
24 HOURS									
48 HOURS									
CONFIRMATION									

CHECKED BY: VP

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OREGON STATE BOARD OF HEALTH
P. O. BOX 231, PORTLAND, OREGON 97207